

Converting Colors

XYZ(20.0224, 21.5977, 20.2530)

Have a look what the booklet for
XYZ(20.0224, 21.5977, 20.2530)
contains.

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Color

**XYZ(20.0224, 21.5977,
20.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	808176
RGB	128, 129, 118
RGB Percent	50%, 51%, 46%
CMY	0.4980, 0.4941, 0.5373
CMYK	0.01, 0.00, 0.09, 0.49
HSL	65°, 4%, 48%
HSV	65°, 9%, 51%
XYZ	20.0224, 21.5977, 20.2530
YIQ	127.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

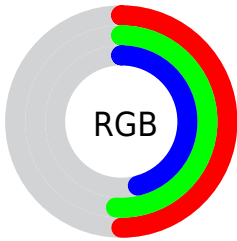
Format	Color
R_{YB}	118, 129, 119
Decimal	8421750
CIE _{Lab}	53.60, -2.48, 5.83
CIE _{LCh}	54, 6.336, 113.075
Yxy	21.5977, 0.3236, 0.3491
Android (android.graphics.Color)	4286611830 (0xFF808176)
YUV	127.4470, -4.6574, 0.4850
Hunter-Lab	46.4733, -4.4240, 6.6928

Details

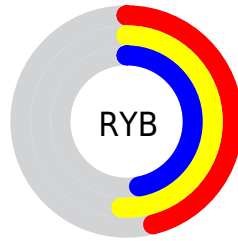
The XYZ color **20.0224, 21.5977, 20.2530** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.0494, 18.4643, 23.3826**, and the grayscale version is **20.3419, 21.4013, 23.3060**.

A 20% lighter version of the original color is **43.0397, 46.1819, 44.6758**, and **7.1986, 7.8418, 6.9286** is the 20% darker color. If you saturate the color by 10%, you get **19.1322, 21.2220, 16.4796**, and if you desaturate by 10%, it is **21.0207, 22.0183, 24.5797**.

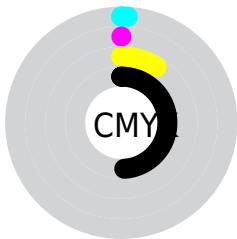
Distribution



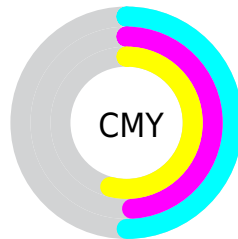
- Red (50%)
- Green (51%)
- Blue (46%)



- Red (46%)
- Yellow (51%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (49%)



- Cyan (50%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0224, 21.5977, 20.2530 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 20.0224, 21.5977, 20.2530 by changing the saturation by 10% instead.

■ 20.0224, 21.5977,
20.2530

■ 20.0224, 21.5977,
20.2530

244.8676,
260.4381, 265.9309

■ 12.5197, 13.5616,
12.3932

■ 42.9584, 46.0802,
44.7055

■ 7.1734, 7.8164,
6.8863

■ 59.1224, 63.2953,
62.1352

■ 3.6180, 3.9777,
3.3137

■ 78.9042, 84.3390,
83.5920

■ 1.4884, 1.6611,
1.2570

102.6691,
109.5955, 109.4944

■ 0.3179, 0.3983,
0.0261

130.7826,
139.4493, 140.2610

■ 0.0000, 0.0000,
0.0000

163.6099,

174.2847, 176.3102

201.5165,
214.4862, 218.0607

■ 20.0224, 21.5977,
20.2530

■ 20.0224, 21.5977,
20.2530

■ 19.1322, 21.2220,
16.4796

■ 21.0207, 22.0183,
24.5797

■ 18.3441, 20.8867,
13.2359

■ 22.1294, 22.4825,
29.4793

■ 17.6541, 20.5909,
10.4985

■ 23.3527, 22.9929,
34.9722

■ 17.0575, 20.3327,
8.2418

■ 24.6944, 23.5508,
41.0774

■ 16.5488, 20.1098,
6.4381

■ 26.1579, 24.1576,
47.8130

■ 16.1224, 19.9201,
5.0566

■ 27.7464, 24.8148,
55.1962

■ 15.7715, 19.7609,
4.0628

■ 29.4631, 25.5234,
63.2439

■ 15.4887, 19.6291,
3.4169

■ 31.3111, 26.2849,
71.9720

■ 15.2548, 19.5171,
3.0177

■ 33.2934, 27.1002,
81.3962

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



20.6852, 21.5977, 20.0088



20.0224, 21.5977, 20.2530



19.5056, 21.5977, 21.3486

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.0224, 21.5977, 20.2530



19.7564, 21.5977, 26.6215



21.8464, 21.5977, 23.9682

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



20.0224, 21.5977, 20.2530



18.0494, 18.4643, 23.3826

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.5854, 21.5977, 25.8259



20.0224, 21.5977, 20.2530



20.3715, 21.5977, 27.4113

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.0224, 21.5977, 20.2530



19.3545, 21.5977, 25.0066



21.0420, 21.5977, 27.1124



21.7480, 21.5977, 22.0863

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



20.0224, 21.5977, 20.2530



19.3086, 21.5977, 22.4484



21.0420, 21.5977, 27.1124



21.7976, 21.5977, 24.6174

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



20.0230, 21.5986, 20.2535



36.8059, 39.0768, 40.3711



18.9108, 19.1495, 19.8393



8.3013, 8.8324, 9.0095



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.0230, 21.5986, 20.2535



35.5695, 38.5560, 35.0460



19.2299, 21.1898, 20.2163



4.6280, 5.0002, 4.6413



14.8417, 19.0136, 2.8877



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18.0494, 18.4643, 23.3826



31.3757, 31.8957, 41.6953



18.8140, 18.8585, 23.4184



4.1424, 4.2290, 5.4112



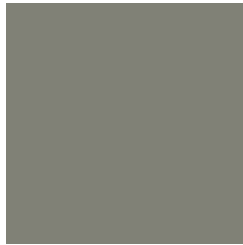
4.0097, 1.6208, 20.3515



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.0224, 21.5977, 20.2530 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.0224, 21.5977, 20.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

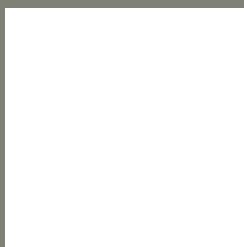
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0224, 21.5977, 20.2530

Background



This preview shows how black text looks on a background with the XYZ color 20.0224, 21.5977, 20.2530.



This preview shows how white text looks on a background with the XYZ color 20.0224, 21.5977,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

20.0224, 21.5977, 20.2530

Protanopia

20.6029, 21.7092, 19.9340

Deuteranopia

22.0390, 21.6765, 20.4752



Tritanopia

21.2649, 21.5246, 26.3264

Trichromacy



Original Color

20.0224, 21.5977, 20.2530

Protanomaly

20.2901, 21.5480, 19.9194

Deuteranomaly

21.2719, 21.6569, 20.5118

Tritanomaly

20.7577, 21.5095, 23.8266

Monochromacy



Original Color

20.0224, 21.5977, 20.2530

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.1097, 21.4056, 22.1406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0224, 21.5977, 20.2530 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(128, 129, 118)` looks like.

```
.text, #text, p{  
    color:rgb(128, 129, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 129, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 129, 118) }
```

Border

The CSS property to change the border of an element to XYZ 20.0224, 21.5977, 20.2530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 129, 118) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(128, 129, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(128, 129, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 129, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 129, 118);  
box-shadow:4px 4px 4px 4px rgb(128, 129,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0224, 21.5977, 20.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 129, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128,  
129, 118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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